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#### Editor

Michael E.C. Gery, ext. 3062

#### Associate Editors

Renee C. Gannon, CCC ext. 3209

Tara Verna, ext. 3134

#### Publications Assistant

Talena Chavis ext. 3036

#### Art Director

Nicole L. Ferrari, ext. 3090

#### Graphic Design Intern

Lisa Aldridge, ext. 3110

#### Business Coordinotor

Jenny Lloyd, ext. 3091

#### Advertising Monoger

Jennifer Boedart Hoey, ext. 3077

#### Executive Vice President & CEO

Chuck Terrill

#### Senior Vice President, Corporate Relations

Nelle Hotchkiss

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### On the Cover

When State Sen. Fountain  
Odom drives his Toyota Prius  
hybrid electric car from his  
home in Charlotte to his office  
here in Raleigh, he averages 42  
miles per gallon of gasoline on  
the highway and 50 mpg in  
the city. (No wonder he is one  
of the Senate's chief budget  
writers.) To learn how these  
cars work, see page 14. (Bruce  
Clark Photography)







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season  
is just  
one of the  
reasons  
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us now.**



## **THIS FALL**

Don't miss the craft festivals, theaters, shopping, mid-week values and Dollywood in Pigeon Forge. And while you're with us, be sure to visit one of the country's most popular parks, Great Smoky Mountains National Park. With changing leaves and activities galore, now's a great time to catch the colorful excitement of Pigeon Forge!

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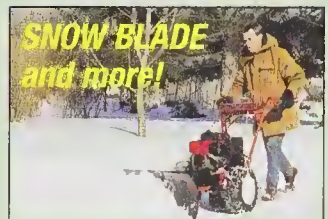
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**PROUDLY**





## Cathead biscuits

My wife and I enjoy your magazine so very much. We look forward to it with great anticipation. I would like to submit a poem about country cooking and eating. It seems nothing is better than a good country breakfast.

We are members of Pitt & Greene EMC, and we are glad we are.

### Cathead Biscuits

Cathead biscuits and ol' rat cheese  
Fatback ham and grits to please  
Ain't nuthin' better on a cold winter morn  
If'n in the country you wuz born  
Redeye gravy and scrambled eggs  
Boilin' black coffee full of dregs  
Eat it up and drink it down  
Can't nuthin' better on Earth be found  
Smokehouse sausage by the yard  
All cooked up in tons of lard  
Eat it up, eat it all  
And forget that stuff call clesterol!

James Taylor  
Farmville  
Pitt & Greene EMC

## "Carolina Calling" fans

We enjoy the "Carolina Calling" show on Saturday nights. It's so good to see Arthur Smith again and all the fine talent. Thanks to Touchstone Energy for entertaining us here in the mountains of North Carolina.

The William R. Liner family  
Waynesville  
Haywood EMC

*Editor's note: UNC TV is repeating the Touchstone Energy "Carolina Calling" program on Saturday nights at 8 p.m. through Sept. 28. See page 12.*

### Contact us:

Mail: 3440 Satter Blvd., Raleigh, NC 27616  
Phone: (919) 664-3835 ext. 3091  
Fax: (919) 236-3144  
E-mail: [CarolinaCountry@ncmea.com](mailto:CarolinaCountry@ncmea.com)  
Web: [www.carolinacountry.com](http://www.carolinacountry.com)

## Whatever it takes

Recently our electric co-op men on Hatteras Island had to help out moving a house from Buxton to Frisco. Needless to say it was quite a traffic stopper, but thanks to our extremely competent linemen, the job went smoothly.

I would like to commend our boys who don't get enough recognition for the job they do.

They put in long, hard hours to keep us comfortable and happy.

Their stance in this picture reminded me of the moment of these firemen raising the flag after 9/11, and of the World War II soldiers raising the flag at Iwo Jima. We are just as proud of our electric cooperative linemen.



Jackie Gray Whitley  
Buxton

Cape Hatteras Electric Cooperative

## Dad in style

My dad is the kind of guy who cares nothing about his appearance. If he wears anything that matches, he thinks he's wearing a uniform.

One night, while I was painting my fingernails a metallic blue, Dad's feet just happened to be propped up beside me. I couldn't resist the temptation to paint them. As usual we were out of nail polish remover, so Dad kept the polish on.

Dad is a member of the Polk County Rescue Squad, and a call came out for him to report to the squad building. He hurriedly slipped on his sandals and didn't think anything about it until he was standing up, talking to the guys and just happened to look down at his blue toenails. Picture this: a 350-pound, 48-year-old man with metallic blue toenails.

To this day no one has ever commented on just why his toenails were blue, but every time I paint my nails I think of this story.

Hannah Edwards, 12  
Saluda

## Keep it coming

We recently purchased a house on Hatteras Island and became members of your electric cooperative. I am writing to tell you what a wonderful magazine you publish. It is so full of interesting articles that after I've read it myself, I literally tear it apart to mail to my family and friends. The format is great. The content is superb. I can't say enough about it, except please keep it coming. As a retired teacher of creative writing, I'm sure I will soon be sending in submissions.

Joan Keenan  
Hatteras Island



## What Children Will Do

One Sunday morning while we were at church, the pastor was preaching his sermon. He was preaching about "calling on Jesus" for help. Our 4-year-old daughter, Brianna, looked up at me and said, "Mommie, what is Jesus' phone number?"

I was so surprised at her question I didn't know what to say. At least she was listening to the preacher.

*Debra McCoy  
Ashe County*

I have two sisters, Bobbie and Jennie. One day I was rolling my hair with bobby pins, and my 3-year-old son was standing beside me. I dropped a bobby pin on the floor. I said to my son, "Please hand me that bobby pin." And he said, "Where is the Jennie pin?"

When I was 3 or 4 years old, I would get my dad's chewing tobacco and crawl under the porch and chew it. After I'd chewed a while, I would lay it on a rock to dry. Then I'd go back later and chew it again.

*Nora Lovin  
Ellerbe  
Pee Dee EMC*

## Stories on my husband and his long life

Christian and Alice Moretz were blessed with another bouncing boy on January 15, 1910. The celebration at Pine Orchard Creek (Watauga County), in a old farmhouse, must have been exciting to say the least. They had a total of seven siblings finally. Victor Glenn Moretz was No. 4.

Times were hard, and food and money hard to come by. They ate off the land, garden, squirrels, etc. But there was always plenty of love and food to go around.

The farmhouse was built in the early 1800s, with arches for the cats to come and go freely. In a steady resting spot sat a 5-gallon glass jar half filled with sand. This was to trick the mice and other varmints to enter. Little did they know the cats would get in there to get their dinners and crawl out. I betcha a whole lot of scratching and fussing was going on in that jar. After all were deceased, the "catcher" would be removed and the jar filled once again to do some more trapping.

An old fireplace and wood cookstove were the sources of heat. After Mom, Dad and all the siblings were asleep, this little boy would get up and warm his feet. Mom always told him she could never keep him covered, especially his head, because he had to see and know what was going on around him.

He tended a farm part-time, juicing the cow for the milk. It wouldn't have been so tedious except for an old billy goat the farmer owned. Victor Glenn kept telling him to do something with that durn goat, and that didn't help matters. One day the farmer came to watch the milk being juiced and said, "What did you do with my goat?" Glenn said, "I sold the damn thing and got the money in my pocket to keep." The old farmer smiled and said, "Well you got my billy goat, my goat and the money."

I guess some of these tales have been told over and over. Most of them are true. My husband worked for the N.C. Bridge Dept. One day it was raining and his job was loading the dump trucks with gravel. It was sun shiny across the bridge where others were working. The boss told him not to fill those trucks so full. Well, after a little help from another worker, he decided to fill every one as full as possible. Then there was a time when the operator of the backhoe decided to get a joke on him by telling him to get in the loader to smooth out the gravel. Guess what? Once Glenn was inside, the operator took him way up where a lot of people wouldn't care to go unless they were headed for heaven — around, swirling, up and down for an hour, which seemed like an eternity to my dear husband.

I can't or won't write what all he told those bosses and workers. Just imagine it all, like the time he was digging a grave at a church, and the minister and another guy came by going rabbit huntin'. They stood and talked while the diggers worked harder and harder, never once offering to help. Betcha they heard about that some time or other, and rightly they should.

On a Wednesday evening before prayer meeting, our minister came by, finding out my husband was at the barn tending the chores. He started out there, just a ways through the gate, and an old turkey gobbler decided to check him out. We heard someone hollerin and runnin. Looking out, we saw the dear minister trying very hard to get to the house. The gobbler was strutting his stuff around and about the poor man.

There are so many funny stories, which don't seem so funny when they are going on. Ever notice how easy it is to laugh in a church? We were singing once at a church, singers sitting in front of us belting out a much different verse for "Leaning on the Everlasting Arms," which went like this: "What a pillow slip, what a tater vine, leaning on the everlasting arms." Made us realize there was so much truth in that song every which away.

My very good man (Victor Glenn Moretz told me that's what VGM stands for) celebrated his 92nd birthday January 2002. He is still funny, and talks just a little more than usual now, but not saying much. Sometimes he erupts like a volcano.



Victor Glenn Moretz with his step grandson, J.J. Burchette.

*Rose "Porkie" Moretz  
Deep Gap  
Blue Ridge Electric*



# Tri-County EMC plays a role in the filming of “Ya-Ya Sisterhood”

By Talena Chavis

If it hadn't been for Tri-County Electric, this summer's hit movie “Divine Secrets of the Ya-Ya Sisterhood” might never have made it into theaters.

Well, not exactly. But the role played by Tri-County EMC, the Touchstone Energy cooperative that serves Wayne, north Duplin and parts of adjacent counties, was more than just as an extra in a crowd scene.

Much of the film by Callie Khouri was shot in the summer of 2001 at one of North Carolina's largest antebellum plantation houses, Buckner Hill House, near Faison in Duplin County. The 150-year-old house – listed on the National Registry of Historic Places -- is the “Pecan Grove” homestead of the film's fictional Walker family of Louisiana. Buckner Hill House and its owners Terry Grimes and Brad Chappell are among Tri-County EMC's proud membership.

Grimes and Chappell said their experiences with the film crew for “Ya-Ya” were “magical.”

“From the groundskeepers and housekeeping personnel to the executive producers, we have nothing but praise for the courtesy, professionalism, and friendliness of the people,” they said. They also said that the cast and crew were very aware of the special care needed to work with a house with such a long history.

## THE POWER OF HUMAN CONNECTIONS

The film crew brought their own generators, but they also needed household power to set the mood for many scenes, Brad explained. Tri-County EMC installed a separate meter for the film crew so their power expense could be tracked.

At one point, however, the power supply failed, and it was not a cinematic special effect.

“They were filming one day and the transformer blew,” Brad said.

Two Tri-County EMC employees arrived minutes later and realized they had to replace the transformer. A new one was installed in 45 minutes.

It was so amazing,” Brad said. “They got people over here so quickly. I was very impressed. They had 125 crew and actors and extra waiting, and they were very responsive.” He added that he has always had good service from Tri-County EMC.

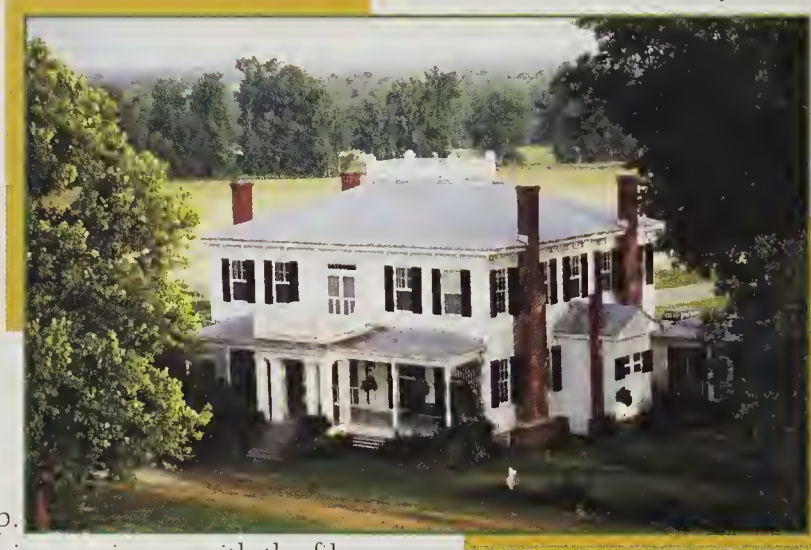
## LIGHTS, CAMERA, ACTION!

The crew filmed about 15 days in the Buckner Hill House. It was the setting for “a lot of the high drama,” said Brad Chappell. He and Terry Grimes moved out of the house for three months so the film crew could renovate it twice to show two different generations: the 1960s and the 1990s.

“All the major stars were here,” Brad said. Among the stars are Ellen Burstyn, Ashley Judd, Sandra Bullock, Caitlin Wachs, Maggie Smith, James Garner, Boyd Kestner and Angus MacFadyen. He and Grimes met Sandra Bullock, a graduate of East Carolina University. “After she was done filming, we were

introduced, she asked about the house.” He said that he and Terry felt like one of the crew as they ate with them in the catered tents and drove to lunch in their vans. Brad himself even appeared in a scene.

“I had a great scene with Maggie Smith, but it was cut,” he said, adding that it may resurface in the DVD version. Given the chance, Chappell and Grimes would offer the house for another film.



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The house received a Gertrude S. Carraway Award of Merit from Preservation North Carolina in 2000. The mission of Preservation North Carolina ([www.presnc.org](http://www.presnc.org)) is to protect and promote buildings, sites, and landscapes important to the heritage of North Carolina.

The house is open to the public by appointment and is available for various functions or events. Contact the Buckner Hill House at 522 Taylor Town Road, Faison NC 28341. Phone: (910) 293-7860.

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23	---	---	9.53	9.10	14.65	13.56	23.18	21.00
24	---	---	9.53	9.10	14.65	13.56	23.18	21.00
25	---	---	9.53	9.10	14.65	13.56	23.18	21.00
26	---	---	9.53	9.18	14.65	13.78	23.18	21.43
27	---	---	9.62	9.18	14.87	13.78	23.62	21.43
28	---	---	9.62	9.18	14.87	13.78	23.62	21.43
29	---	---	9.62	9.18	14.87	13.78	23.62	21.43
30	---	---	9.62	9.18	14.87	13.78	23.62	21.43
31	---	---	9.62	9.18	14.87	13.78	23.62	21.43
32	---	---	9.62	9.18	14.87	13.78	23.62	21.43
33	---	---	9.62	9.18	14.87	13.78	23.62	21.43
34	---	---	9.71	9.18	15.09	13.78	24.06	21.43
35	---	---	9.71	9.27	15.09	14.00	24.06	21.87
36	---	---	9.71	9.36	15.09	14.21	24.06	22.31
37	---	---	9.71	9.45	15.09	14.43	24.06	22.75
38	---	---	9.80	9.53	15.31	14.65	24.50	23.18
39	---	---	9.88	9.71	15.53	15.09	24.93	24.06
40	---	---	10.06	9.80	15.96	15.31	25.81	24.50
41	---	---	10.23	9.97	16.40	15.75	26.68	25.37
42	---	---	10.32	10.15	16.62	16.18	27.12	26.25
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49	---	---	13.03	11.81	23.40	20.34	40.68	34.56
50	---	---	13.65	12.07	24.93	21.00	43.75	35.87
51	---	---	14.35	12.42	26.68	21.87	47.25	37.62
52	---	---	14.96	12.77	28.21	22.75	50.31	39.37
53	---	---	15.66	13.12	29.96	23.62	53.81	41.12
54	---	---	16.45	13.65	31.93	24.93	57.75	43.75
55	---	---	17.41	14.17	34.34	26.25	62.56	46.37
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57	---	---	19.51	15.40	39.59	29.31	73.06	52.50
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AMT. OF INS. DESIRED \_\_\_\_\_ ☐ TOBACCO ☐ NON-TOBACCO  
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OD2-B051-ART



## Central EMC lineman earns his college degree with a perfect grade-point average

Harris Morrison, a lineman with Central EMC in Sanford for 26 years, received his Associate of Applied Science Degree in Electric Lineman Technology from Nash Community College in May. He is the third electric cooperative lineman to complete the degree program established at the college in the 1998-99 school year by the North Carolina Association of Electric Cooperatives.

The college program combines instruction in electric line work, safety, energy management and on-the-job training, as well as foundations in advanced math, computer science, communications and other fields.

"It's one of the best things I've ever done in my life," says Morrison, who is 52. "I have so much more confidence in myself and what I can do now. After six years of classes and four different community colleges to get this degree, I graduated with a 4.0 GPA and feel that I have set a good example for my two daughters."

He and his wife, Debbie, have daughters Christie Lynn, 14, and Amy Michelle, 12.

A journey lineman for Central EMC, Morrison also received in May an Electrical Controls Certificate from Central Carolina Community College, where he maintained a 4.0 GPA.

Harris Morrison enjoys line work with the cooperative because, "We are a family here at Central EMC. I like being with my friends at work every day. I enjoy helping to build

new lines and seeing people excited about turning power on to a new place to live. I like restoring power after an outage and knowing that people are happy to have their lights back on."

He grew up in Swann Station, south of Sanford, with parents, both deaf, who attended Morganton School of the Deaf. At age 26, he was working in a tobacco field one Saturday when his friend Wallie Lamm, then line superintendent at CEMC, encouraged him to apply for a groundman position. Wallie Lamm is now general manager at the co-op.

He won CEMC's Poletop Rescue Competition six times and represented the co-op in that statewide safety and speed contest. "My father attended four times and was overwhelmed with how nice everyone was to him every time. It meant the world to him."

Morrison said he encourages others to pursue the degree program, and he thanked Nash Community College for helping him get classes he needed when he needed them.



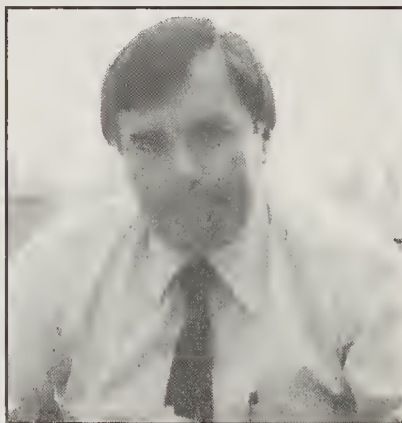
*Harris Morrison has been a lineman for Central EMC for 26 years and this spring he received his college degree as well.*

## Philip Wally retires after a 41-year career with cooperatives

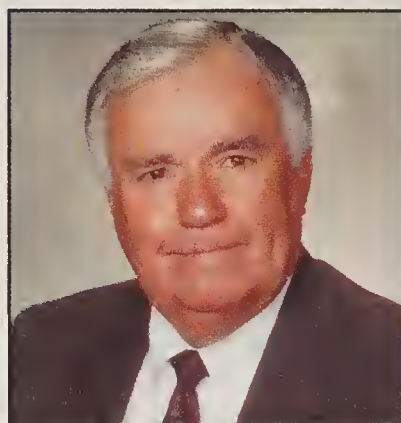
By Michael E.C. Gery

Philip Lee Wally knows the electric cooperative business from the ground up. He grew up in north Mecklenburg County, and after attending Charlotte College (now UNC-Charlotte), he went to work in March 1961 for Cornelius Electric Membership Corporation, the local cooperative that served 3,500 members. He was a work order clerk and warehouseman. He worked in payroll and purchasing. He calculated heat loss and duct sizes for customers, and located their electric baseboard units. When Duke Power created Lake Norman in the early 1960s, Phil Wally was there for Cornelius EMC as engineers and line crews relocated service for more than 300 members.

When Cornelius EMC merged with Davie EMC in 1968 to form Crescent EMC, Phil Wally helped put together the merger and set up the Statesville office. The Cornelius EMC manager, Donald Rice, figured the young man had his heart in the business and made him district manager at Statesville in 1972.



*Philip L. Wally when he began as Union EMC's manager in 1978. Philip L. Wally today.*



While there, Phil Wally helped supervise construction of the building which remains the headquarters of the state's largest electric cooperative, EnergyUnited, formed when Crescent EMC merged with Davidson EMC in 1998.

When Union EMC's general manager Earl Haworth retired in 1978, Donald Rice suggested that Phil Wally would make a good candidate. The Union board of directors must have been impressed, because they offered Wally the job. His wife, Maxine, who grew up in Wadesboro and worked as a nurse at Charlotte Memorial Hospital, was happy to move with their young daughter and son to Union County.

When Phil Wally retires from Union Power Cooperative's top management position on Sept. 30, he leaves as one of the most knowledgeable managers among electric co-ops. He also leaves a cooperative whose suburban Charlotte service area is growing at nearly 5 percent per year, the fastest in the state.

And he leaves a co-op that has been free of controversy



during his 24 years at the helm. How does that happen? A general manager who understands the business from the ground up certainly helps.

"You have to address problems as soon as they come along," Phil Wally says. "If a member comes to you with a problem, you pay attention, and you do something about it. If they know you're working on it, they will understand and let you do it."

Hurricane Hugo in September 1989 caused more damage to Union EMC's system than any event during Mr. Wally's tenure. It took two weeks to restore service to a system that was totally shut down. Some people remained without power as the co-op's annual meeting approached that October. Rejecting suggestions to postpone the meeting, Mr. Wally and the board held it as usual, and even though some linemen were still repairing service on that day, members gave the staff a standing ovation for responding to Hugo as they did.

According to Elaine Cunningham, who has been his administrative assistant since his first day at Union, Mr. Wally has held the respect of the co-op directors and employees, because he is good-natured, serious about business, and he encourages progress. "We knew this co-op was advanced, always in the forefront," she said. And his compassion for employees meant a lot to them, too, she said.

Mr. Wally has seen the co-op grow from 16,500 accounts and 37 employees in 1961 to some 46,000 accounts and 107 employees. He presided over the building of Union's Monroe headquarters in 1984, and its new wing in 1999, as well as opened the Oakboro district office in 1980. He's seen a rural service territory turn into an area that is about 40 percent urban.

"Our membership has gone through a change in culture," he said. "People may not know what a cooperative is, but they do recognize that our service exceeds what service they received from some other utilities."

Phil Wally believes that a cooperative business suits a utility. "Consumers would rather not pay their utility bill to a group of stockholders somewhere. They would like to see that money stay in the community. The co-op customer knows that. They know they have a say in how their utility is run, and that their utility is there to respond to them."

At a time when the trend is toward opening the electric service business to competition, Phil Wally says consumers will choose the cooperatives that "pay attention to their core business, stay focused on providing the best service, stay active in the community and let people know what's going on."

It makes sense to restructure how electric service is delivered, he believes, only if it benefits customers. "What the customer wants is to flip on the switch and see the lights go on and stay on. If that service is delivered at a reasonable price, there's no reason to argue with it."

Mr. Wally has represented Union on state-level boards of directors for the North Carolina Electric Membership Corp. power supply cooperative, the North Carolina Association of Electric Cooperatives services organization and the Tarheel Electric Membership Assn. material supply co-op. He also chaired NCEMC's Power Supply Committee for several years.

Involved in community affairs — as a fireman, in Kiwanis Club, in economic development — Phil Wally expects to remain active in his church, Central United Methodist in Monroe. He looks forward to having more time with his family, especially at his Ashe County mountain retreat. His wife plans to retire as a nurse with Union County Health Department this year as well. Their children, daughter Kim and son Lee, are nearby with their families.

And on October 5, five days after his official retirement, Phil Wally expects he'll enjoy attending the Union Power Cooperative annual meeting "as a spectator."

## Tony Herrin takes over as Union Power's top manager



*Tony Herrin becomes the Union Power Cooperative general manager on Oct. 1.*

The Union Power Cooperative Board of Directors has appointed Tony Herrin to succeed Philip L. Wally as the cooperative's executive vice president and general manager effective Oct. 1.

A graduate of Appalachian State University, Tony

Herrin has been with Union since 1983, working in energy services, member and public relations, as Monroe division manager, and since 1999 as vice president of business development and key accounts.

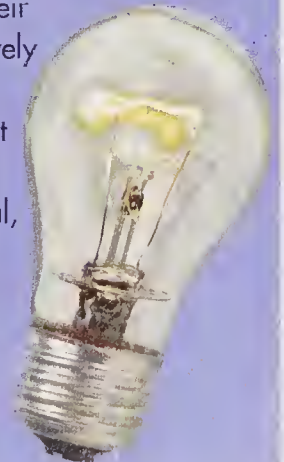
Mr. Herrin is an elder for Benton Heights Presbyterian Church, member of the Union County Economic Development Commission, and board member of the Union County Chamber of Commerce. He and his wife, Carlene, live in Monroe and have two sons.

### "What is a cooperative?"

Cooperatives worldwide function within the same principles. They are businesses that operate for the benefit of their members, instead of for financial profit. They abide by a common set of values and by seven principles. Each month, Carolina Country will describe one of the principles.

#### Principle No. 6: Cooperation Among Cooperatives —

Cooperatives serve their members most effectively and strengthen the cooperative movement by working together through local, national, regional and international structures.







*Sixteen North Carolino Touchstone Energy cooperatives sent 38 rising high school seniors to Washington D.C. for a week in June. The annual tour includes visits to Congressional representatives, national landmarks and special programs about electric cooperatives.*

## **"Carolina Calling" continues through the summer on public TV stations**

UNC-TV, public television for North Carolina, is re-broadcasting the "Carolina Calling" variety show series co-sponsored by North Carolina's Touchstone Energy Cooperatives, UNC-TV and Smith Productions. The program airs Saturday evenings at 8 p.m. through Sept. 28.

Each episode opens with a performance by legendary North Carolina music man Arthur Smith. Guests are Touchstone Energy Carolina Calling Talent Search winners who were chosen during public auditions last year. Special guests include performers with ties to the Carolinas. The "Carolina Calling Classics" segment in each show features significant performances from past "Carolina Calling" and "Arthur Smith Show" archives. Each episode features a performance from the Carolina Calling Orchestra and Dove Brothers, along with a goodbye from Arthur Smith.

### **Here is the schedule for August.**

#### **August 3 - Touchstone Energy Talent Search winners:**

The Malpass Family, Pollocksville; Hanna Hefner, Hickory; Sheldon Rogers, Waxhaw. Special Guest: Fred Foster (produced Dolly Parton, Willie Nelson, Kris Kristofferson) and the Dove Brothers.

#### **August 10 - Touchstone Energy Talent Search winners:**

Elvis Schreck, Emerald Isle; Sons of God (group), Plymouth; Amber Lee Doerr, Newport. Special guests: Tom Gentry, Shelby Stephenson, NC Senator Charlie Albertson. Carolina Calling Classics: Tommy Foile and the Dove Brothers.

#### **August 17- Touchstone Energy Talent Search winners:**

Laura McMahan, Marion; Foulkner Sisters & Brother June, Wingate; Ryan Baysden, Walter Path. Special guest: John Crenshaw, music historian (includes Blue Ridge Quartet clip). Carolina Calling Classics: Don Reno and the Dove Brothers.

#### **August 24- Touchstone Energy Talent Search winners:**

Bob Harrod, Durham; Hayley Jones, Beaufort; Ernest Lee Brown, Hickory. Special guest: Alison Krauss & Union Station. Carolina Calling Classics: George Hamilton IV and the Dove Brothers.

#### **August 31 - Touchstone Energy Talent Search winners:**

Tieva & Mystic Buzz Band, Greensboro; Levi Jones, Claremont. Special guest: David Wilcox. Carolina Calling Classics: Chet Atkins and the Dove Brothers.

## **EnergyUnited praised for preserving wildlife habitat**

EnergyUnited has won two national awards recognizing its efforts to restore and maintain wildlife habitat. The awards were given by Project Habitat®, a wildlife enhancement program sponsored by BASF Corp. and supported by the National Wild Turkey Federation. EnergyUnited took top honors in the Habitat Restoration and Stewardship category and the Community Outreach category. Both commend the electric cooperative's efforts to implement vegetation management programs that enhance opportunities for wildlife.

According to R.B. Sloan, CEO, EnergyUnited, "We have a long history of being a good corporate citizen in the communities we serve. Our partnership with Project Habitat, Quail Unlimited and The National Wild Turkey Federation are very rewarding to all of us. We pledge to continue being good stewards of North Carolina's environment."

EnergyUnited is the state's largest electric cooperative, serving more than 100,000 members from Alexander through Rockingham counties.

## **Consumers Union gives poor grades to deregulation of other industries**

The Consumers Union, publishers of Consumer Reports magazine, issued a report in June that says deregulation of some industries has produced only a few benefits to consumers.

The report details failures of deregulation for the airlines, banking, cable television, telecommunications and electricity.

With regard to electricity, the report had more tentative conclusions. "It's too soon to meaningfully assess electricity deregulation because it has not honestly happened yet," since rate reductions that did happen were due to government mandates rather than the free market. Gains for consumers — such as billing rights and curbs on forcing consumers to switch service suppliers — were overshadowed by little or no gains in service, safety, choice or innovation, according to the report. The report found cases of electric bills more than doubling and consumers being abandoned by energy traders that pulled out of deregulated marketplaces, including in Pennsylvania.

The report recommends electric service reliability standards and tough financial penalties for failing to maintain adequate generating-capacity margins.

According to the study, airline passengers suffered the most at the hands of deregulation, because fares fell just as much before deregulation as after, and now passengers have to contend with more restricted fares, connecting flights, delays, cramped seats and limited service.

"Deregulation should never be no regulation," the report says. "Free markets are ever changing, and players are always devising new mischief. Government must remain vigilant of abuses and respond swiftly."



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# Hybrid **electric** vehicles are here to **STAY**

They reduce air pollution and conserve energy,  
and they cost no more than a conventional car

By Renee Gannon

70MPG. THAT'S WHAT THE SMALL, silver Honda's license tag boldly stated as I passed it on I-40 headed to the beach one afternoon last fall.



70MPG? Oh! 70 miles per gallon. It must be an electric car. "I hope she doesn't have to stop and plug in somewhere before she makes it to the coast," I snickered to myself. "She should have taken the bus ... it would have been quicker."

Well, the joke was on me. I had to stop to refuel my SUV while the little silver car kept cruising. The blonde driver would run out of asphalt before she'd run out of fuel. The car, a Honda Insight, is a hybrid electric vehicle (HEV), capable of going 500 miles or more on one 10.6-gallon tank of gasoline.

Sometime in the near future, we may see more vehicles – cars, SUVs and pick-ups – cruising toward the Carolina coast proudly bearing these personalized license tags.

Hybrid cars combine the best of two worlds – a self-rechargeable electric power system and a combustible engine. An electric motor runs more efficiently than a conventional one and has little or no pollution emissions because it does not burn gas, which has been the catalyst for its use in recent years, especially in California. A

combustible engine, however, offers horsepower, but releases emissions that contribute to pollution.

True electric cars have been around since the turn of the century, but the major drawback persists: recharging the battery-powered car, often overnight. Today's electric cars still only run 80 to 100 miles before re-juicing is needed. Because of this limitation, only about 430 of the battery-powered vehicles have been sold or leased since 1996, according to the Electric Vehicle Association of the Americas (EVAA).

With the HEVs, drivers have horsepower, better gas mileage, less pollution emissions and can go the distance without the inconvenience of plugging in for power. This combination has led to more than 28,000 hybrids sold in the United States since 1996.

## HEV basics

The most recent push for a fuel-efficient, low-emission, user-friendly vehicle came in 1993, when then President Bill Clinton and U.S. automakers introduced the Partnership for a New Generation Vehicles Program (PNGV) to complement the Hybrid Electric Vehicle program developed by the Department of Energy. While the program has changed some over the years, the basics of developing a vehicle with at least twice the fuel economy as conventional vehicles, but with comparable performance, safety and cost, remains the goal.

What makes a hybrid vehicle a hybrid? A vehicle is considered hybrid when it uses two or more sources of power. These sources could be any combination of battery, fossil fuel or even fuel cell power. According to the Department of Energy's (DOE) Office of Transportation Technology, an HEV can come in many configurations. A hybrid combines an energy storage system, a power unit and a vehicle propulsion system. The energy storage options include batteries, ultracapacitors and flywheels. Power options are spark ignition engines, compression ignition direct injection engines, gas turbines and fuel cells. Propulsion can come from an electric motor or





2002 Honda Insight

the engine may provide direct mechanical input in a parallel configuration system.

No matter the configuration, the DOE predicts that the first hybrids on the market will cut emissions of global warming pollutants by a third to a half, with later models reducing emissions even more.

How does the hybrid vehicle work? The Web site, [howstuffworks.com](http://howstuffworks.com), explains the two hybrid types, parallel and serial:

**Parallel** has a fuel tank, which supplies gasoline to the engine. But it also has a set of batteries that supplies power to an electric motor. Both the engine and the electric motor can turn the transmission at the same time, and the transmission then turns the wheels.

**Serial** has a fuel tank, which supplies gasoline to the engine. The gasoline engine turns a generator, and the generator can either charge the batteries or power an electric motor that drives the transmission. Thus, the gasoline engine never directly powers the vehicle.

Both types use regenerative braking. Brakes remove energy from the car by dissipating it in the form of heat. Regenerative braking captures some of this energy and stores it in the batteries for later use by allowing the electric motor to help slow the car, thus acting like a generator and charging the batteries. This also allows HEVs to get better fuel mileage in the city rather than on the highway, because the brakes are used more often, thus storing power.

### Today's hybrid market

The sticker price of hybrid vehicles available in the United States averages \$20,000. With their annual fuel savings, the operating cost is lower than for conventional cars. Available today are the Honda Civic Hybrid, Honda Insight and the Toyota Prius.

Coming in the near future from U.S. automakers are hybrids of popular vehicles such as the Escape and Explorer from Ford; the Saturn SUV, Chevy Pickup and Chevy Suburban from General Motors; and the Dodge Ram Pickup and Mercedes S-class from Daimler-Chrysler.

The U.S. government also recently announced tax incentives for individuals who purchase a hybrid vehicle. In late May 2002, the Internal Revenue Service announced that hybrids will qualify for up to a \$2,000 deduction in the year the vehicle is first used (the full deduction is available through 2003, then reduced 25 percent until it's phased out after Dec. 31, 2006). The amount of the deduction depends on the particular vehicle purchased, which will be by the automakers' cost to install the electric motor and related equipment.

The IRS says that the deduction helps cover the extra cost buyers are willing to pay to switch to vehicles to reduce air pollution and conserve fuel.

(continued on page 16)

For more information about hybrid electric vehicles, visit these sites:  
[www.ott.doe.gov/hev](http://www.ott.doe.gov/hev)   [www.evaa.org](http://www.evaa.org)   [www.fueleconomy.gov](http://www.fueleconomy.gov)



## Hybrid Vehicle Components

Hybrid cars contain the following parts:

**Gasoline engine** - The hybrid car has a gasoline engine much like the one you will find on most cars. However, the engine on a hybrid will be smaller and will use advanced technologies to reduce emissions and increase efficiency.

**Fuel tank** - The fuel tank in a hybrid is the energy storage device for the gasoline engine. Gasoline has a much higher energy density than batteries do. For example, it takes about 1,000 pounds of batteries to store as much energy as 1 gallon (7 pounds) of gasoline.


**Electric motor** - The electric motor on a hybrid car is very sophisticated. Advanced electronics allow it to act as a motor as well as a generator. For example, when it needs to, it can draw energy from the batteries to accelerate the car. But acting as a generator, it can slow the car down and return energy to the batteries.

**Generator** - The generator is similar to an electric motor, but it acts only to produce electrical power. It is used mostly on series hybrids.

**Batteries** - The batteries in a hybrid car are the energy storage device for the electric motor. Unlike the gasoline in the fuel tank, which can only power the gasoline engine, the electric motor on a hybrid car can put energy into the batteries as well as draw energy from them.

**Transmission** - The transmission in a hybrid car performs the same function as the transmission on a conventional car. Some hybrids, like the Honda Insight, have conventional transmissions. Other hybrids, like the Toyota Prius, have radically different ones.

## The Brunswick EMC all-electric car

Brunswick Electric Membership Corporation, which serves Brunswick and Columbus counties, proudly demonstrates its all-electric car. Dressed with the Touchstone Energy  logo, the car appears at special cooperative meetings and community events.

The electric LSV (low-speed vehicle) is designed for urban, recreational and light commercial uses, such as planned and gated communities, destination resorts, industrial complexes and universities.



At Brunswick EMC headquarters in Supply, N.C.

The vehicle complies with U.S. National Highway Safety Administration regulations. In the United States, LSVs may operate on roads with posted speed limits of up to 35 mph, at a speed not to exceed 25 mph. The electric car has a range of 30 miles and charges in six to eight hours from a standard 110-volt plug. An optional 220-volt charger can re-charge the car in three to four hours.

The vehicle has a CD player and is air-cooled with an interior fan. The aluminum frame and infusion molded fiberglass body keep the weight to 1,450 pounds. Under the hood are six 12-volt flooded, deep-cycle, lead-acid batteries. There's also a DC-to-DC converter to back-up the separate 12-volt battery used to power the lights and other accessory items.

What you notice right away is that the car is silent, like a golf cart, and has a surprisingly smooth ride. It has seat belts, rearview mirror, adjustable seats, headlamps and tail and brake lights, front disc brakes, turn signals, windshield wiper/washers and even cup holders. Over 98 percent of the lead-acid battery is recyclable. It costs about 50 cents to fully recharge the battery pack. The only other battery maintenance required is to add distilled water once a month.

Brunswick EMC purchased the car through a local distributor. The car is manufactured by Dynasty Motorcar, a Canadian company.

— Linda Thomas

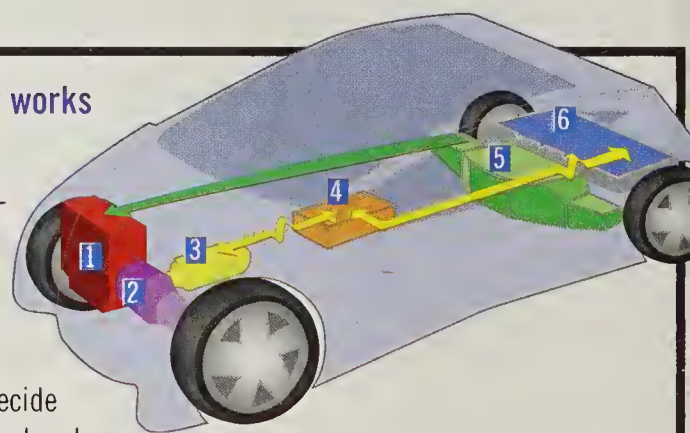
## How the parallel-style hybrid car works

In the Honda Insight and Toyota Prius, both the engine (1) and the electric motor (3) are connected to the wheels by the same transmission (2). With the assistance of the electric motor the engine can be smaller.

Intelligent power electronics (4) decide when to use the motor and engine and when to store electricity in advanced batteries (6) for future use. The electric motor is used primarily for low speed cruising or to provide extra power for acceleration or hill climbing.

When braking or coasting to a stop, the hybrid uses its electric motor (3) as a generator to produce electricity, which is then stored in its battery pack (6).

Unlike all-electric vehicles, hybrid vehicles do not need to be plugged into an external source of electricity. Gasoline stored in a conventional fuel tank (5) provides all the energy the hybrid vehicle needs.



— [www.fueleconomy.gov](http://www.fueleconomy.gov)



# “The dog ate my homework” and other true stories about your pets



Thanks to everyone who sent in stories about your pets. We would publish more if we had the space. Look on page 19 for the remaining themes of this year’s “Nothing Could Be Finer” series.

## She was Lucky

Lucky was her name — the year 1966. Lucky, because she wasn’t supposed to live, the vet said. A fisherman found her in the water at the edge of our pond one morning when Lucky was a colt. My husband milked her mama and fed her with a tube in a Coke bottle. We had nothing to lose. It worked. She grew up, and roamed our yard free along with our chickens, ducks, goat, dogs and cats.

We finally fenced in our chickens and garden, but not Lucky. She was never ridden (except as a colt) and never broken. She was an oddity, people thought, being loose.

She got into her share of scrapes and provided us with lots of laughter, like when she came into the house. She was grown then. Frustrating at times when the grocery bag of green beans I just picked all but disappeared, and when she thought the dishpan of freshly shucked corn was hers. Any food was hers for the taking.

Lucky dearly loved apples. Each night she’d come to the window for an apple. If you didn’t get it for her right then, she’d bang on the window and stomp. She had things her way. She thought we belonged to her.

She was the first to greet you when you came home, day or night. She kept our yard mowed, our forsythia bush trimmed and provided fertilizer for our garden.

Lucky was never sick until the first of this year. Well, she did step on a roofing tack once, and we had to call the vet.

In her old age she wanted to be near us and would fall asleep outside our bedroom window. On cold nights she’d lean against the windows for warmth ‘til we’d go to bed. She had the barn to go to, but she preferred the woodshed.

Most of our married life she’s been with us. She outlived many pets. So, a big part of our family left last month when we buried her here on the land she loved to roam for 35 years and 8 months — always free!

Sometimes we think we hear her. And every apple I eat, I think of Lucky.



## The dog who wouldn’t quit

Missy was like the energizer bunny. She just kept going and going and going.

Everything happened to this pure-bred toy fox terrier. She was bit by an alligator and a pit bull. A horse kicked her. She even tried to eat her own leg off. Missy was so overweight her kneecaps fell out. Her doctor gave my mom a 24-hour emergency hotline number in case she ever decided to put the dog to sleep, because they knew Missy would not die on her own.

Finally, at age 15, Missy was put to sleep. She had developed cataracts, only half her heart worked (after three heart attacks), and she had three teeth left.

I’d like to share a story about one of her temper tantrums.

One day, when my mom was driving down the highway, Missy jumped up to kiss her cheek. Well, Missy’s paw got stuck in my mom’s hair, so Missy started attacking her. Mom started weaving all over the road, while I tried to pull this 9-pound demon dog off of her. Missy’s paw got loose, so she then attacked me for helping. Because of all her health-related issues, we never had time to take her to doggie counseling.

Tina Jones-McDow  
Lexington  
EnergyUnited

Emily Couch  
Silver Valley  
EnergyUnited

(continued on page 18)



### The dog who loved cucumbers

In the 1980s, we owned and loved a miniature dachshund that we named Trapper. This was not our first dachshund, so we thought we knew the likes, dislikes and habits of dachshunds. However, during the first spring and summer season Trapper brought us an unexpected surprise.

One morning we awoke to find him at our back entrance eating a fresh cucumber. We tracked him to the garden and found that he had pulled the first cucumber of the season. Being a small dog with a long nose, he was able to bite the twig and sever the cuke from the vine with no damage done.

Afterwards, we watched as he would go for his favorite vegetable whenever he chose. It seemed that he could sense when the bearing season was about over, because we would find cucumbers buried under straw among our shrubbery. Little did he know that they would not preserve very well.

As long as Trapper was with us, we planted enough cukes for him.

Annie Ruth Parrish  
Deep Run  
Tideland EMC



### Dressed for Easter

This little girl is Alexis P. Sutton, and she's always thinking of something fun to do. On this Easter, she had a new dress and hat. After church they visited her grandparents, and Alexis went out to talk to the dog. She was talking and loving the dog, and decided to put her new hat on the dog.

Edna H. Brock  
Mt. Olive  
Tri-County EMC

### Special delivery

Once upon a time, I had the most beautiful Dalmatian that ever lived. Every spot looked like it had been placed by hand so as to be in exactly the right place. He was a big ole baby and loved everybody.

One winter it snowed, and when I called to check on a neighbor, she told me she was out of cigarettes. I tied a pack of cigarettes to the dog's choke chain, and my neighbor only had to say, "Here Caesar," and he went bounding through the snowy woods and took them to her.

Caesar is long gone and we quit smoking years ago, but when it snows I'll call and say, "Do you need a cigarette?" and we laugh remembering happy times.

Carolyn W. Thompson  
Statesville  
EnergyUnited

### Dog conveys

We obtained Jake, our family dog, in an unusual manner. While house hunting, we were welcomed by Jake. Not only did we like the house, but we liked Jake also. I casually asked, "Does

the dog come with the house?" The owner said maybe, since they were moving to the beach and Jake was a mountain dog. Jake had come to them about eight years prior as a stray and had not missed a meal since.

Weeks later we drove up to our newly purchased home and there was Jake, well groomed and adorned with a red bandana! He fulfilled the promise we made to our 2-year-old and 5-year-old that we would get a dog when we moved.

I tease that Jake's the most expensive dog ever: We bought him and they threw in the house.

Wilma Corbin  
Waynesville  
Haywood EMC

### Heidi with Poppy

Our dogs Heidi and Poppy were an unusual pair. Poppy enjoyed the warmth of Heidi's fur on cool days, as she would rest in the sun. He'd stealthily climb up, lie down and stay there until Heidi moved. She was very patient with him.

Marie Everett  
Snow Camp  
Randolph EMC





## The dog who ate the homework

We had a standard poodle named Beau, may he rest in peace. My daughter Tiffany came home from school one day and said her assignment was to take something homemade in to school. So Tiffany baked 32 cupcakes for her class that night. It was sort of late, so I told Tiff that she should set them on the dining room table to cool. We then went to bed.

I was awakened by my daughter's screams the next morning, and I fell down the steps to see what was wrong. The cupcake pans were under the table completely empty. Beau ate every last cupcake including the little paper wrappers you bake them in. The pans were so clean they looked like they had been washed.

We started looking for the villain, but he was nowhere to be found. Finally, my son Kenyatta said Beau was hiding under my bed. It was all I could do to keep Tiff from choking the cupcakes right out of that dog, she was so mad. So all I could do was send a note to Tiffany's teacher and start off by saying, "I know this sounds crazy, but the dog really did eat the homework this time."

Margaret R. Johnson  
Fountain  
Pitt & Greene EMC



## Sophie asleep with the dolls

Sophie, our golden retriever, was a Christmas present from my mama and daddy. I like this cute and sweet picture we got one day when I saw her sleeping on my baby doll bed. It portrays the way she acts all the time. She thinks she's a little person.

Kasey Daniel  
Tarboro  
Edgecombe-Martin County EMC

## Misbehaving in public

Several years ago we had two cocker spaniels, a male and a female. They were soot black and had lots and lots of hair. Every spring I would take them to the dog groomers and

have their hair cut very short. I always drove them in the back of the pickup truck.

On the way back I had to pass through a very busy intersection. I stopped at the stoplight, and everyone who passed me blew the horn and waved to me and smiled. After about 10 or 15 cars blew the horn at me or waved and smiled, I finally looked in my rear view mirror. Guess what the dogs were doing!

The person who stopped behind me at the stoplight followed me for about four miles until I turned into my driveway. He honked his horn about 10 times and waved. Can you imagine how embarrassed I was? I never took them to ride in the back of the truck again.

Patsy Corley  
Waynesville  
Haywood EMC

## The mailman's revenge

Growing up, I had my fair share of pets, from your normal dog and cat to rabbits and a duck named Daisy. However, the funniest pet story doesn't come from a pet of my own.

This incident occurred a few years ago with my sister's beagle, Bailey. They live only a short distance away from us, so every time Bailey was turned out, he would "go vistin'." He'd stop and see my dad, allow neighborhood children their chance to give him a good stomach scratch and eventually reach his final destination, my house.

Bailey had no enemies except one — the dreaded mailman. We always knew when the mail had arrived from the ferocity that Bailey used to protect the mailbox. He wouldn't give up once the mailman drove away, but continued through the neighborhood, his bark resounding as only a beagle's can.

One afternoon late in summer, I heard Bailey's normally I'm-going-to-eat-you-alive bark change into one that did not sound familiar. I glanced out the window, and to my surprise, a very large man went running right past my window. Once outside, I saw that the tables had been turned. The mailman was chasing Bailey!

Around and around the two of them went. Never before had I heard a dog let out such a confused bark. The mailman eventually stopped and walked back through the yard to where I was doubled over with laughter. He handed me my mail, which he had been clutching in his hand, looked me straight in the eye, and out of breath, he said, "I thought he should see how it feels for a change!"

Lindsay Melton  
Rockingham  
Pee Dee Electric

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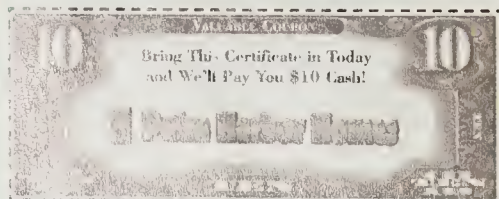
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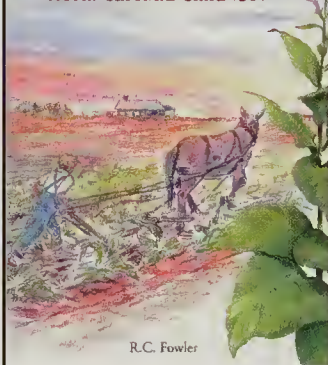
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# "Friendship"

Art by Sherry Thurston

Sherry Thurston, is a native of Rocky Mount who lives today in the Sneads Ferry area and is a member of Jones-Onslow EMC. She began drawing at the age of 3. Her mother noticed her ability and encouraged her by buying art supplies and enrolling her in a summer art program. She continued to develop her talent under the tutelage of two private teachers, and went on to receive a B.S. in Art Education from East Carolina University.

In 1980, Thurston established her art gallery inside the former building of the Original Free Will Baptist Church in Sneads Ferry. The gallery showcases her works, such as "Sneads Ferry Sneakers," a picture of a waterman's boots that has become a local favorite. Her painting of four Marines, "Waiting," is on display at Camp Lejeune Marines base in Jacksonville.

Thurston works in charcoal, acrylics, oil pastels and oils.

"Friendship" (or "little girls," as most people refer to it) shows the granddaughters of Bob and Rita Schultz, who commissioned Thurston to do the painting. "Friendship" is available in 8-by-10-inch photo prints for \$25 or 12-by-16-inch lithographic prints for \$50, plus \$5 for shipping for each.

## Contact

Contact Sherry Thurston at:  
(910) 327-1781 or (888) 327-1781  
email: [thusart@coastalnet.com](mailto:thusart@coastalnet.com)  
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# Tobacco history ONLINE





## An exhibit on the history of tobacco-growing in Pitt County is an example of a new statewide program to place historical information and images on the Internet.

PHOTOS, MANUSCRIPTS AND OTHER HISTORICAL DATA concerning Pitt County's tobacco are available online at [www.lib.ecu.edu/exhibits/tobacco](http://www.lib.ecu.edu/exhibits/tobacco). The Web site, produced by East Carolina University from its Verona Joyner Langford North Carolina Collection, centers on the early 1900s when the local tobacco industry was at its peak.

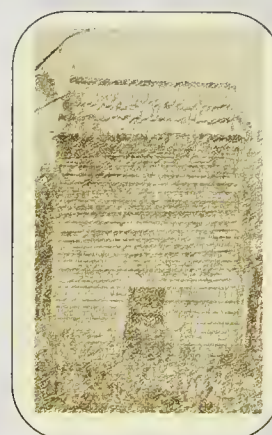
The sandy soil of Pitt County proved excellent for growing "bright" tobacco, a golden-yellow-leaved variety that was in great demand following the Civil War. In 1899, the county produced 10,733,010 pounds of tobacco. High demand also meant a high-quality product was necessary for mass distribution, which led inspection houses to find "inferior leaf" and controversy surrounding the proper practices of "flue-curing" tobacco. At the online exhibit you can read newspaper editorials from the Eastern Reflector and Daily Reflector discussing the "evils that can be traced directly to the pernicious and wasteful way of curing tobacco on the stalk."

The online "museum" is divided into five categories: Business, Census, Newspapers, Records/Photos and Warehouses. The business section details how the tobacco industry affected local business. The census looks at the make-up of households and communities at that time. The warehouse page describes the historic tobacco warehouse district. The records/photos page contains papers and photos of old tobacco buildings and employee records.

The exhibit is one of four created by East Carolina University library staff in a project that began in 1999. Other exhibits include one on the explorer and naturalist John Lawson, who visited the region in the early 1700s, as well as a historical look at steamer ships, and of ECU itself to celebrate its upcoming Centennial.



G. F. EVANS.



### Historical collections online

The Eastern North Carolina Digital History exhibits are part of a larger project to make the state's history available online. The North Carolina ECHO project (Exploring Cultural Heritage Online) is a collaboration of museums and libraries to digitize their special collections. The work is performed under the guidance of the Access to Special Collections Working Group with the help of Duke University and the State Library of North Carolina.

NC ECHO seeks to create a standardized system for digitizing collections online. ECHO also provides site visitors with 767 searchable entries on North Carolina cultural resources. NC ECHO works with cultural repositories statewide, from large institutions to small, volunteer-run organizations that contain historical resources.

The standards and practices for digitization as well as grant information for digital projects are available at the ECHO web site [www.ncecho.org](http://www.ncecho.org).



(Opposite page) A Pitt County tobacco field outside Winterville, photographed in May 2000 by Mitch Smith. (Above) G.F. Evans headed Greenville's first tobacco warehouse in 1891. Photo at right shows Pitt County's first tobacco barn, built in 1886 by Jacob Joyner. (Left) The staff of the Center Brick Warehouse, dressed in long-sleeved white shirts and ties or white dresses, sit on bundles of tobacco leaf in a 1914 pamphlet photo

*Thanks to by Nancy P. Shires, of the East Carolina University Joyner Library, for assembling this information and the photographs.*



## Kristi's Gallery of Swansboro

See North Carolina artists and their work online at [www.kristisgallery.com](http://www.kristisgallery.com). The online gallery features more than 215 artists and craftspeople, including many local artists. Art works on the site include pottery, glasswork, ceramics, jewelry, paintings and mosaics. Contact the gallery at P.O. Box 2066, Swansboro, N.C. 28584. Phone: (910) 326-7222.



## Writing by North Carolina slaves

Read first-hand accounts from people who lived as slaves in North Carolina at <http://docsouth.unc.edu/neh/neh.html>

The Web site, "Documenting the American South" includes journals, letters and more from ordinary people who lived during the 1800s and 1900s. Each written history is listed alphabetically and includes a brief description as well as a link to the complete text. The Web site was compiled by UNC-Chapel Hill's Academic Affairs Library and comprises more than 1,000 listings.

For more information call (919) 962-9590.

## Dolphins on your license plate

You can show your support to "Protect the Wild Dolphins" with a vehicle license plate commissioned by the North Carolina Maritime Museum. Plates will first be seen on the road this fall.

To order your plate, download an application at <http://ncmm-friends.org/involved/licenseplate.htm> or call (252) 504-2452.

The plates cost \$30 each year, plus your usual annual renewal fee of \$25 (varies by county). Personalizing the numbers or letters on the plate costs an additional \$20.

The Friends of the Maritime Museum will receive \$20 of the \$30 special annual fee to fund museum research, conservation and educational programs.



## Visit the Carolina Country Store

Do you have something to stock on the Carolina Country Store shelves? Send information and pictures to our storekeeper Talena Chavis through the Web site or at [CarolinaCountry@nccms.com](mailto:CarolinaCountry@nccms.com)

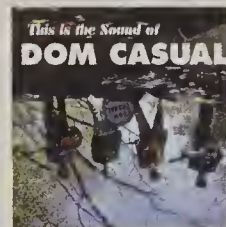
The store is open 24 hours a day, everyday, at [www.carolinacountry.com](http://www.carolinacountry.com)

## Orange County band has a new CD

Dom Casual made their debut album, "This is Dom Casual," in Effland, Orange County. The music is rooted in 1960s garage rock, with a strong punk influence. The band has been together two and half years. Their songs, some of which are instrumental, receive airplay on WXDU (Duke) and WXYC (UNC). The band is composed of Jamie McLendon, Sean Patrick Murphy, Nate Stafla and Andy Ware.

All of the members, except for Murphy, are native Tar Heels. McLendon, who writes all the songs and sings, grew up in Charlotte and went to school in Boone.

"This is Dom Casual" has 15 tracks and is dedicated to the late Joey Ramone. It sells for \$10 from Dom Casual, 114 1/2 N. Main Street, Graham, NC 27253. E-mail: [domcasualties@yahoo.com](mailto:domcasualties@yahoo.com)



## "Sea-Born Women"

Inspired by the Outer Banks legend of the first "sea-born" woman, B.J. Mountford wrote "Sea-Born Women" while spending a summer in Portsmouth Village, located on the Cape Lookout National Seashore. The novel takes place in Portsmouth Village and centers around its heroine, Roberta "Bert" Lenehan, a modern-day sea-born woman as she comes across gravediggers, treasure hunters and a murderer loose on the island.



B.J. Mountford lives on Emerald Isle. This is her first novel.

"Sea-Born Women" is 306 pages and sells in softcover at bookstores for \$14.95. For more information, contact John F. Blair Publishers, 1406 Plaza Drive Winston-Salem, N.C. 27103. Phone: (800) 222-9796. Web: [www.blairpub.com](http://www.blairpub.com)

## How to manage household pests

"Everything You Every Wanted to Know About Household Pests" is a publication available online at [www.pestworld.org](http://www.pestworld.org). The brochure can be downloaded and sent by mail for \$1 and a stamped, self-addressed envelope.

The brochure offers advice on how to maintain a pest-free residence. It is full-color and 12 pages, published by the National Pest Management Association, 8100 Oak Street, Dunn Loring, VA 22027. Phone: (803) 573-8330.

## Fort Fisher's new Civil War exhibit

Fort Fisher's first new exhibit in 30 years features a 16-foot interactive map of the Battle of Fort Fisher, as well as a saber belonging to Confederate Maj. James Reilly, and a sword used by Col. Charles Fisher of Salisbury.

The new fiber-optic map comprises 5,000 lights and sound effects depicting the final Union attack on Confederate troops in January 1865. Additional exhibits to the museum include: "Blockade Runners," "Fort Construction," "Weapons Technology," and "Ladies of Ft. Fisher."

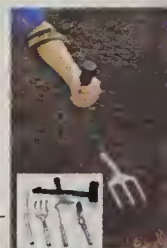
Guided tours are available Monday and Tuesday. Located on US 421 south of Kure Beach, the museum is open Monday through Saturday from 9 a.m. to 5 p.m. and Sunday 1 to 5 p.m. Admission is free, but donations are accepted. Phone: (910) 458-5538.

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# Chevon, cabrito, goat meat — It's all good

By Talena Chavis

A group of North Carolina goat meat farmers formed a cooperative to promote raising and selling this new health food

Let's say you run a small farm and raise a food crop that is not yet well known commercially in your area. You really believe in the nutritional value of the food, and you really believe there is a market for it. But you don't know how to connect to the market. What do you do?

First, you contact others who are raising the same food. The group of you forms a cooperative that not only combines your resources, but also sets quality and safety standards, buys supplies in bulk, and promotes your product. And when the market responds, everyone in the cooperative benefits.

The cooperative way of doing business has attracted meat goat farmers in North Carolina. A pilot program set up by Franklin County goat farmers with help from the North Carolina Cooperative Extension of N.C. State University aims to develop the market for goat products and grow this relatively new occupation for North Carolina farmers.

"Goats are smaller animals, so they are easier to manage," says Jean-Marie Luginbuhl, Extension specialist for goats and forage systems at N.C. State. "People who have a few acres could have goats on their farms." Plus, he says, "Goats are natural browsers. They prefer to eat shrubby vegetation compared to grass, and we have a lot of that in North Carolina."

Goat meat — also called chevon (pronounced sha-VON) and cabrito in Spanish (meat of the young goat) — appeals to the diverse ethnic population that is growing in North Carolina. "If you just think about North Carolina alone," Luginbuhl says, "we have close to half a million Hispanics, and they like goat meat." Others who favor goat meat include people from Africa, the Caribbean, the Middle East and the Far East. "The ethnic population of this country is such that we do not produce enough goats in North Carolina or in the U.S. for the demand that we have," he says. "So that means the market can go only one way: grow."

Formed in July 2001 by Extension agent Martha Mobley and with help from N.C. A&T University in Greensboro, the Franklin County Goat Producer's Co-op is selling goat products directly to retail grocery and convenience stores locally and elsewhere. "We shipped out our first goat meat to Arizona [through the co-op's Web site]," Mobley said in June. The co-op also attends the State Farmer's Market in Raleigh every Saturday and has a delivery truck that makes regular treks to Effland to distribute goat meat.

The co-op relies on two meat-processing plants, one in Sims (Wilson County) and another in Ahoskie (Hertford



Talena Chavis

Extension agent Martha Mobley helped form the Franklin County Goat Producer's Cooperative. She's holding a Boer kid.

County). The Ahoskie plant processes "Halal blessed" meat that conforms to Muslim religious standards. To reach Hispanic people, the co-op advertises in "La Conexión," at local events and with two new billboards along I-95, which Mobley says also reach consumers to the north and south.

The meat goats that the co-op specializes in are Boer goats, originally imported from South Africa. "Every time you see a goat with droopy ears, sort of brown-reddish head and white body — it's going to have Boer in it," says Luginbuhl. He adds that some Boers can be all white and that the co-op promotes a composite breed that will be hardier and grow faster than a purebred Boer.



## Tastes like chicken?

Chevon, or cabrito in Spanish, by any other name would still taste like... goat. But what exactly does goat meat taste like?

"I hate to say everything tastes like chicken," laughs Maxine Mosley, who raises goats in Franklin County and cooks a variety of goat meat dishes. "Goat certainly doesn't taste like beef or lamb. It has its own unique flavor, but yet it is heart-healthy for you."

Compared to chicken, goat contains 40 less calories and 3.7 less grams of fat per 3-ounce cooked serving. Goat is lean and high in protein.

"People who are purchasing the product at the retail outlet here in the county have said that their doctors have told them that goat meat is the way to go for their heart," Mosley says.

Goat products are available at Gordon's Seafood in Louisburg, N.C., where meat costs in the \$5 per pound range.

## Perkins' Place Family Group Home's North Carolina Championship Cabrito Chili

- 1 pound dried pinto beans
- 1 teaspoon salt
- 2 slices salt pork
- 4 pounds cabrito, cubed
- 4 onions, chopped
- 2 pounds tomatoes, peeled
- 1 teaspoon salt
- 3 cloves garlic, minced
- 4 tablespoons chili powder
- 1 teaspoon sugar
- 1 teaspoon hot pepper sauce
- 3 jalapeno peppers, seeded and chopped
- 1 teaspoon ground cinnamon
- 2 tablespoons paprika
- 1/2 teaspoon pepper
- 1/2 teaspoon cumin seeds, ground
- Shredded Monterey Jack cheese
- Sour cream

Wash beans thoroughly, cover with water, and soak overnight. The next day add 1 slice salt pork. Simmer over low heat until tender, about 2 hours.

Place meat and tomatoes in large pot and cook slowly overnight. Add remaining ingredients, simmer for 4 hours, stir in beans. Simmer 30 minutes longer, stirring occasionally. Garnish with cheese and sour cream.

Yield: 4 quarts.

The Franklin County co-op members probably make out better selling through the co-op than on their own. "The average goat here taken to a regular auction barn would receive \$60 to \$70," says Martha Mobley. "Selling through this co-op, you will receive twice that." One reason is that the co-op can avoid "the middleman" and sell directly to retailers. The co-op also buys supplies such as feed and medicines at bulk rates for its members.

"Best case scenario, I see this co-op being like a Southern States co-op where we're selling product to any customer in any place in the United States," says Maxine Mosely, a board member from the inception of the co-op, who raises goats in the Spring Hope area. Currently, the co-op is going after high-end buyers who can afford to pay for quality products. "We are trying to produce a quality product consistently, which is why we have educational seminars for the members," Mosley says. Examples of high-end markets include health-oriented grocery stores like Wellspring/Whole Foods and restaurants that offer exotic meats like emu and rabbit.

The co-op's 77 members live in Franklin and surrounding counties. To aid members who cannot make the meetings, the co-op is considering bringing seminars to members. The main focus of the co-op for 2002 is educating members and increasing markets. "A lot of people got into the business the long way by not knowing and making mistakes," says Luginbuhl. "Basically, we're showing them the right way."

## Getting involved

The Franklin County Goat Producer's Co-op publishes a bi-monthly newsletter and offers seminars, educational meetings and goat (chevon) tastings. It is also a network for members to exchange information. The network is especially helpful to new goat farmers.

"Goats are not just put them out there and they take care of themselves," says board member Maxine Mosley. "They do have some maintenance. So having the co-op there as a support structure, and having phone numbers accessible to call, is most important to anyone trying to start out."

Owning meat goats is not a requirement for membership. Members pay a one-time fee of \$30 and must complete six hours of classes and pass a written exam developed by the N.C. State School of Veterinary Medicine to become a certified goat producer.



Pearl Tharrington (left) and Maggie Freeman, meat goat producers, show off a package of meat marketed by the Franklin County Goat Producers Cooperative.

## Contact information:

Franklin County Goat Producer's  
Cooperative, Inc.  
103 South Bickett Blvd.  
Louisburg, N.C. 27549  
Phone: (919) 496-3344.  
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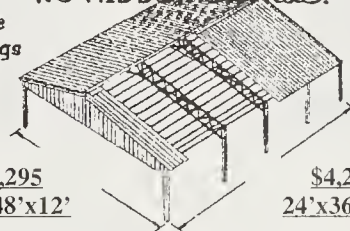
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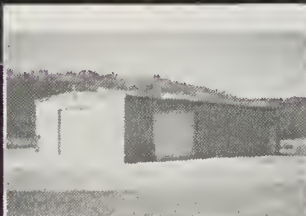
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## square<sup>2</sup>

Letters have been substituted for digits in the equations below. The squares of the two-digit numbers AS, IT, IS, and OF are the four-digit numbers EFFS, FEET, FENS, AND STSF.

Given:  $I + I = S$   
 $I + E = T$   
 $A + A = O$   
 $O + F = N$   
 $F + F = E$   
 $A + E = S$   
 $E + E = A$   
 $I + S = N$

can you replace the digits in the square?

$AS^2 =$	E	F	F	S
$IT^2 =$	F	E	E	T
$IS^2 =$	F	E	N	S
$OF^2 =$	S	T	S	F



## SAY WATT?

Use each letter once to spell out the seven missing words. Move from letter to adjacent letter in any direction - left, right, up, down, or diagonally.

S	A	H	T
T	I	T	T
H	W	B	U
A	E	O	T
Y	T	E	B

"The race goes not always to the swift,

B \_\_\_\_\_  
 \_\_\_\_\_ I."

—Ring Lardner

## SOUTHERN exposure

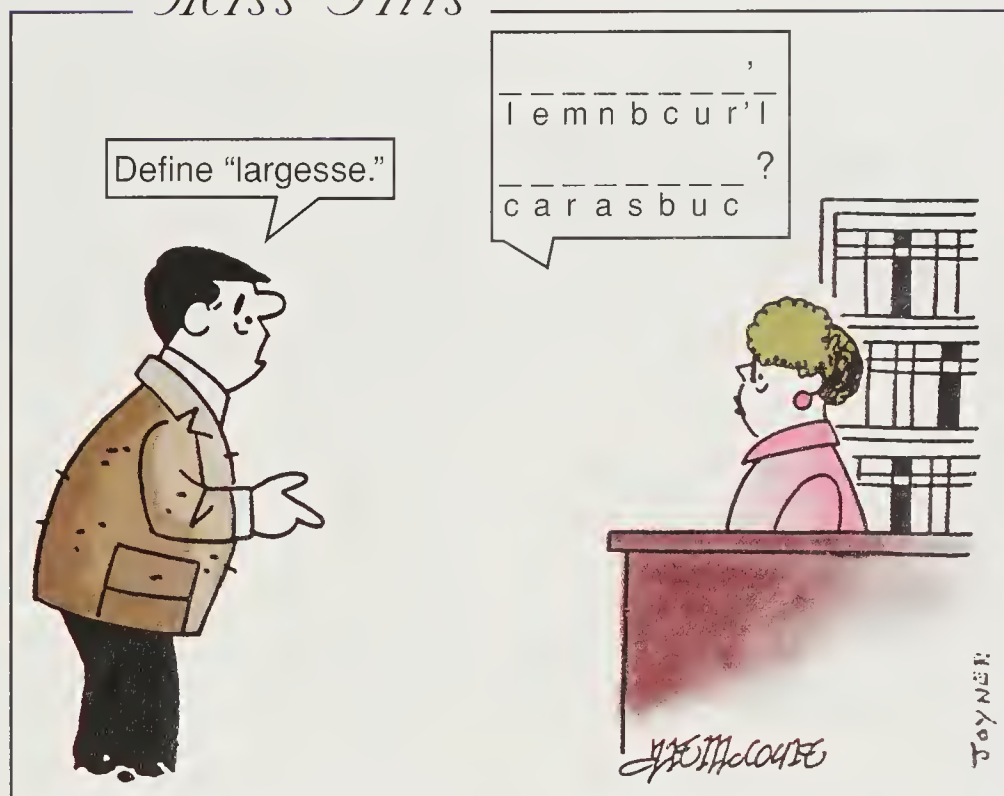
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Diaper: a bum wrap

## Miss Fitts



Use the capital letters below to fill in the blanks above.

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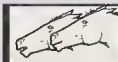
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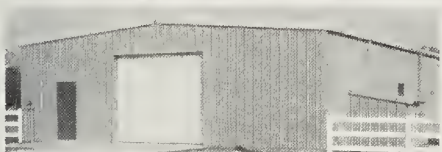
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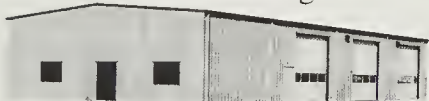
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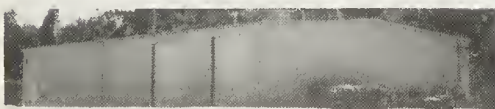
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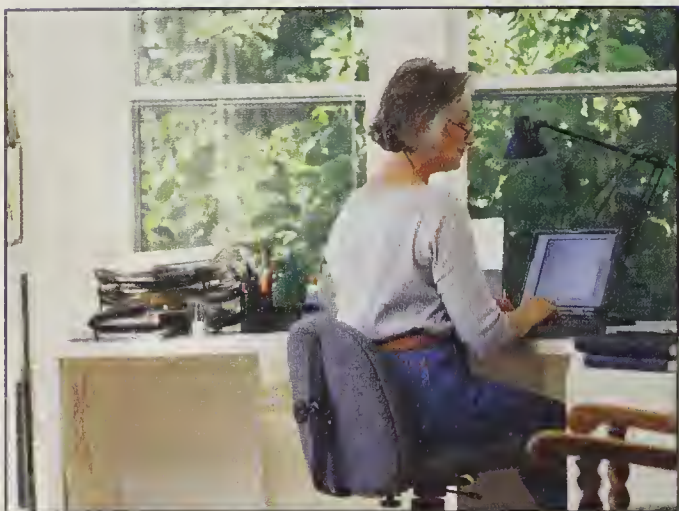


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# Insulating window film reduces furniture fading and energy costs

By James Dulley

**W**hen people think of residential window film, they often mistakenly think of the huge, reflective glass office buildings that resemble mirrors. Actually, the most energy efficient residential window films have only slight reflectivity and tint. If you were inside a room with insulating window film installed, you would not even notice it.

Applying window film yourself or having it professionally installed is an excellent solution to minimize overheating, glare and fading. You will also be surprised at how pleasant it is to be in a room without harsh glare from windows. Instead of drawing the curtains or blinds and switching on a lamp, you can often leave the curtains open and the lamp off. Lamps not only use electricity, during the summer they also create more heat, forcing your air conditioner to run longer.

With normal window care and cleaning, the new residential window films may last 10 to 15 years. When you consider the year-round energy savings and resultant lower utility bills, plus the longer life for furniture, curtains and carpeting, applying insulating window film can easily pay back its cost.

Some manufacturers offer only do-it-yourself or professionally installed window films, while others offer both. The primary difference between professional and do-it-yourself films is the type of invisible adhesive used to fix the film to the window. Professionally installed film usually has a fairly long warranty. You can purchase special adhesive dissolving solution to use if you later decide to remove the film.

Many of the newer residential window films, especially the do-it-yourself insulating

film kits, are nearly clear. Typical color choices for the lightly tinted films are platinum, gray and bronze. Even with just a slight tint, they can block more than 50 percent of the total solar energy that hits your windows.

The new insulating window films function in a similar way to new efficient low-emissivity (low-e) replacement window glass. To create the low-e properties, a microscopically thin layer of metal is deposited on the film. This layer is so thin, visible light passes through and it appears to be totally transparent. Window film is actually made of many layers and the metal film is deposited on the inner layers for protection.

Heat energy is a different wavelength than visible light and the thin metal layer is less transparent to it than to light. In this way, it reduces heat flow through your windows without interfering with the view. During the winter, the metal layer reduces heat loss from indoors, so your heating bills will be less. Your comfort, especially when sitting near a window on a cold day, will also be improved.

If you apply this insulating film to all of your east-, west- and south-facing windows, the reduction in your air-conditioning electric costs will be noticeable. Not only will the film block heat, but also without the intense radiant heat and glare from windows, you often can be very comfortable with the thermostat set several degrees higher. This can result in up to a 10 percent electricity savings.

The clear plastic material used for the film naturally blocks almost all of the fading ultraviolet (UV) rays, but furniture and curtain fading has other causes such as visible light and heat through windows. The amount of tint and other solar properties of the film decrease these other causes of fading.

If you can wash a window, then you can easily install insulating window film yourself. You can purchase the film in pieces from a roll or already prepackaged and a simple installation kit. Most films have a water-activated adhesive on one side. Thoroughly wash the window and leave it wet. Wet the film, place it over the window and squeegee it flat to the window. Cut off the excess around the edges and let it dry.

Although they look identical at the home center store, not all window film kits perform the same. Be sure to compare their properties - emissivity, shading coefficient and visible light transmission - before purchase.

Lower emissivity films are best for year-round comfort and savings. Lower shading coefficient films block more heat. Lower visible light transmission films block more glare, but can make the window darker. All window films make glass shatter-resistant for safety during storms or around your children.

Write for (instantly download - [www.dulley.com](http://www.dulley.com)) Update Bulletin No. 617 - buyer's guide of seven window film manufacturers (plus a small piece) listing year-round insulating and sun control properties, colors, prices and DIY installation instructions. Please include \$3.00 and a business-size SASE. James Dulley, Carolina Country, 6906 Royalgreen Dr., Cincinnati, OH 45244.

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First Tues: Danbury Public Library. Second Tues: King Library. (336) 593-8159. (336) 593-2419.

### Mount Mitchell Crafts Fair

Aug. 2-3. Burnsville. Town Square. Free. (800) 948-1632. [www.yanceychamber.com](http://www.yanceychamber.com)

### Asheville Quilt Competition

Aug. 2-4. Asheville. North Carolina Arboretum. (828) 254-4915.

### Tim Frye's Pickin' on the Creek

Aug. 3. Mount Airy. Live music concerts. Granite City Floor Covering. (336) 786-5039.

### Annual Good Shepherd Hospice Auction

Aug. 10. Brasstown. Folk School Dining Hall. (828) 389-6311.

### Miniature Horse Race

Aug. 10. Taylorsville. Bryant Farm. Free. (336) 374-4725.

### Storytelling

Every Sat. Kings Mountain. Kings Mountain Historical Museum. (704) 739-1917.

### "Seven Brides for Seven Brothers"

Aug. 1-4, 8-11. Hayesville. Peacock Playhouse. (828) 389-8632.

### Pickin' in the Park

Aug. 2, 9, 16, 23. Canton. Aug. 30, Labor Day celebration | Canton Recreation Park. (828) 648-7925.

### Coffeehouse Talent Night

Aug. 10. West Jefferson. United Methodist Church. (336) 246-ARTS.

### Summer Stock Theater Season

Aug. 11. Burnsville. Parkway Playhouse. (828) 682-4285.

### 20th Annual Rummage Sale

Aug. 16-17. Boone. National Guard Armory. (828) 297-4294.

### Riverview Lions Club Festival

Aug. 17. Creston. Riverview Community Center. (336) 385-2476. [www.riverviewcommcntr.org](http://www.riverviewcommcntr.org)

### Music Series in the Park

Aug. 18. Mount Airy. Robert Smith Park. Free. (800) 576-0231.

### Art in the Park

Aug. 17. Blowing Rock. Fine art & craft shows. Downtown. Free. (828) 295-7851.

### "Unto These Hills"

Through Aug. 24. Cherokee. Native American outdoor drama. Mountainside Theatre. (828) 497-2111. [www.untothesehills.com](http://www.untothesehills.com)

### Tryon Fine Arts Center Summer Social

Aug. 24. Tryon. Melrose Ave. Free. (828) 859-8322.

### The Art Cellar Gallery

Through Aug. 25. Banner Elk. "Tim Turner: Abstract and Figurative Work." (828) 898-5175. [www.artcellaronline.com](http://www.artcellaronline.com)

### Lies & Pies Jamboree

August 31. Hayesville. Hayesville Town Square. (828) 389-0638.

### Asheville Art Museum

Ongoing. Asheville. Through Sept. 1. "David Levinthal: Disquieting Tales from Toyland." (828) 253-3227. [www.ashevilleart.org](http://www.ashevilleart.org)

### The Orchard at Altapass

Ongoing. Spruce Pine. Aug. 3, "Local Fourcast" & "Hit or Miss" | Aug. 11, "Slight Departures" | Aug. 17, "Jesse Smith, Louis Taylor" | Aug. 18, "Bruce Moody" | Aug. 24, "Jann Welch" | Aug. 25, "Randy Flack" | Aug. 31, "Arzella McKinney, Rev. Carl and Lillian Roland" | Blue Ridge Parkway. Milepost 328.3. Free. (888) 765-9531. [www.altapassorchard.com](http://www.altapassorchard.com)

### Watauga Farmer's Market

Ongoing. Boone. (828) 963-8052.

### Ashe County Arts Center

Ongoing. West Jefferson. Aug. 28, "Warp, Woof & Wheel Exhibit" | Through Aug. 24, "A River Runs Through It" | Quilting exhibit and 2-D exhibit | Free. (336) 246-4483. [www.ashecivic.com](http://www.ashecivic.com)

### Southern Highland Craft Guild

Ongoing. Asheville. Aug. 10, "Wood Day" | Aug. 11, "Metal Day" | Blue Ridge Parkway's Folk Art Center. (828) 298-7928.

### Schiele Museum

Ongoing. Gastonia. "Explore the Bobcat's Den" | "The Little Star That Could" | (704) 866-6900. [www.schielemuseum.org](http://www.schielemuseum.org)

### Cradle of Forestry Historic Site

Ongoing. Pisgah Forest. Aug. 3, "Smokey Bear's Birthday" | Aug. 10, "Tools To Survive 1800s" | Aug. 31, "Train Day" | (828) 877-3130. [www.cradleofforestry.com](http://www.cradleofforestry.com)

### Ashe Civic Center

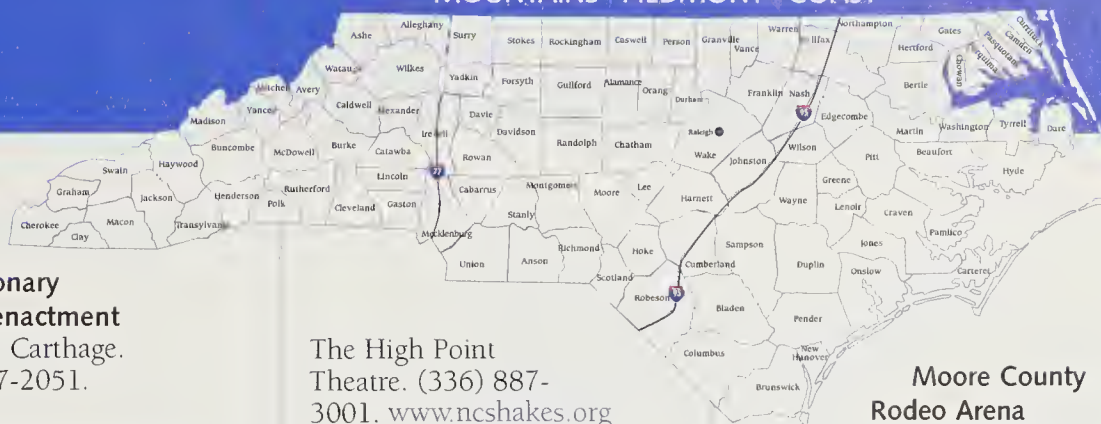
Ongoing. West Jefferson. Aug. 9, "Ink Spots Variety" | Aug. 25, "Doyle Lawson & Quick Silver Gospel" | (336) 246-4483. [www.ashecivic.com](http://www.ashecivic.com)

### Love Valley Arena

Ongoing. Love Valley. Aug. 9-10, "Wagon Train from Frogsboro" | Aug. 16-17, "Rodeo" | (336) 764-2220. [www.lovevalley.com](http://www.lovevalley.com)



MOUNTAINS | PIEDMONT | COAST



## PIEDMONT

(between I-77 and I-95)

### Antique/Classic Car & Truck Cruise-In

1st & 3rd Mon., Through Oct.  
Mocksville. Downtown.  
(336) 751-0313.

### Farmer's Market

1st & 3rd Sat. Kenly.  
Kenly Tobacco Life Museum.  
(919) 284-3431.

### Farmer's Day & Wagon Train Festival

Aug. 1-3. Robbins.  
Downtown. (910) 948-3746.

### Downtown Arts District Gallery Hop

Aug. 2. Winston-Salem.  
Sixth & Trade St. Free.  
(336) 761-1955.

### Frank Liske Park Powwow

Aug. 2-3. Concord.  
Free. (704) 786-5705.

### PT Cruiser Raffle & Dinner/Auction

Aug. 3. Lexington. Sapona.  
(800) 768-4677.

### Revolutionary War Re-enactment

Aug. 3-4. Carthage.  
(910) 947-2051.

### Botanical Garden Tour

Aug. 3, 10, 17, 24, 31. Chapel  
Hill. Free. (919) 962-0522.

### National Black Theatre Festival

Aug. 4-9. Various Triad locations.  
(336) 723-2266. [www.NBTE.org](http://www.NBTE.org)

### Salem Band Concert

Aug. 6 & 20. Winston-Salem.  
Salem Square. (336) 779-6190.

### Bethabara Concert & Family Evening

Aug. 8. Winston-Salem.  
Bands, hay wagon rides &  
more. Bethabara Park. Free.  
(336) 924-8191.  
[www.bethabarapark.org](http://www.bethabarapark.org)

### Eno-Occaneechi Indian Tribe Pow Wow

Aug. 9-10. Mebane.  
(919) 644-0733.

### Wagoner Ranch Rodeo

Aug. 9-10. Lexington.  
Silver Valley. (336) 472-4552.

### Pilates

**2-Day Clinic**  
Aug. 10. Durham.  
Bodyworks for  
Women. (800)-  
237-6242.  
[www.ndeita.com](http://www.ndeita.com)

### "Hills of Home Tour"

Aug. 16.  
Mocksville.  
Featuring Doc  
Watson, Richard  
Watson & David  
Holt. Brock  
Performing Arts  
Center. (336)  
751-3000.

### The North Carolina Shakespeare Festival

Aug. 16-Oct. 5.  
High Point.

**The High Point  
Theatre.** (336) 887-  
3001. [www.ncshakes.org](http://www.ncshakes.org)

### Old-Time Square Dance

Aug. 17 (every 3rd Sat.).  
Denton Civic Center. (336)  
475-9397. [www.geocities.com/dentondance](http://www.geocities.com/dentondance)

### NCERL Open Fun Show

Aug. 17. Kernersville.  
Wishbone Stables.  
(336) 785-2430.

### Duke Gardens

Through Aug. 18. Durham  
"Bessie Niemeyer Marshall"  
illustrations. Doris Duke Center.  
(919) 684-3608.  
[www.hr.duke.edu/dukegardens/marshall.html](http://www.hr.duke.edu/dukegardens/marshall.html)

### Mouse Cartoon Exhibit

Through Aug. 24. Carrboro.  
Animation & Fine Art  
Galleries. Free.  
(919) 968-8008.

### Rock Festival

Aug. 24. Greensboro.  
Natural Science Center.  
(336) 288-3769.

### Caldwell County Agricultural Fair

Aug. 27-31. Lenoir.  
Caldwell County Fairgrounds.  
(828) 728-7050.

### Gem, Mineral & Jewelry Show

Aug. 30-Sept. 3. Raleigh.  
State Fairgrounds. Kerr Scott  
Bldg. (804) 746-7663.

### Shelton at Sunset Concert

Aug. 31. Dobson.  
Shelton Vineyards. (336)  
366-4724. [www.sheltonvineyards.com](http://www.sheltonvineyards.com)

### Last Friday Street Fest

Aug. 30. Hillsborough.  
Art, dance & poetry.  
Downtown. Free.  
(919) 929-2691.

### Moore County Rodeo Arena

Ongoing. West End.  
Highway 73. (910) 464-ROPE.

### Museum of Art

Ongoing, Raleigh  
Through Aug. 25, "Reverend  
McKendree Robbins Long:  
Picture Painter of the Apocalypse" |  
Through Dec 1., "The Birds of  
America by John James  
Audubon" | (919) 839-6262.  
[www.ncartmuseum.org](http://www.ncartmuseum.org)

### Museum of Natural Sciences

Ongoing. Raleigh.  
Through Sept. 2, "The Genomic  
Revolution." Free. (919) 733-  
7450. [www.naturalsciences.org](http://www.naturalsciences.org)

## Duplin County

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Liberty Hall Plantation on a  
journey to another time and place.*



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e-mail: [duplintourism@duplinnet.com](mailto:duplintourism@duplinnet.com)



Duke Gardens is featuring illustrations,  
such as "Wild gingers" above, by Bessie  
Niemeyer Marshall through August 18. Call  
(919) 684-3608 or visit [www.hr.duke.edu/dukegardens/marshall.html](http://www.hr.duke.edu/dukegardens/marshall.html).



## AUGUST EVENTS

### Exploris

Ongoing. Raleigh.  
Through Sept. 8, "Adventures in Wild California" (I-MAX film) | Through Sept. 9, "Imagine, Construct, Play" (exhibit) | Through Dec., Shackleton's Antarctic Adventure" (I-MAX film) | (919) 834-4040. [www.exploris.org](http://www.exploris.org)

### Malcolm Blue Farm Museum

Ongoing. Aberdeen.  
"Kudzu: The Vine That Covers the South" | "Nature's Wrath" | "Endangered Farm Animals" | Free. (910) 944-5967.

### Discovery Place

Ongoing. Charlotte.  
Through Sept. 2, "Kilimanjaro: To the Roof of Africa" | "Bones: An Exhibit Inside You" | "Dolphins" | (704) 372-6261.

### Mint Museum of Art

Ongoing. Charlotte.  
Aug. 24-Oct. 27, "Romare Bearden" and "David Driskell Collection." African American Art. (704) 366-2504.

### The Charlotte Museum of History

Ongoing. Charlotte.  
Aug. 10, "Hands-On-History: Cooling Colonial Desserts" | Aug. 17, "Furniture Caning Techniques" | Free on Sun. (704) 568-1774. [www.charlottemuseum.org](http://www.charlottemuseum.org)

### Museum of Life and Science

Ongoing. Durham  
Baby red wolves, butterfly releases & more. (919) 220-5429. [www.ncmls.org](http://www.ncmls.org)

## COAST

(east of I-95)

### Harbor Nights

Aug. 2. Elizabeth City.  
Downtown. Free.  
(252) 335-4365.

### Once Upon a Playground

Aug. 2. Elizabeth City.  
Mariner's Wharf. Free.  
(252) 338-8508.

### Dog Days Regatta

Aug. 2, 3, 4. Aurora.  
PCS Phosphate Recreation Center. (252) 322-8221.

### "Billy Richardson & William Moseley"

Aug. 5-31. Pasquotank Arts Council Gallery. Free.  
(252) 338-6455.

### Antique Car Show

Aug. 10. Washington.  
Stewart Parkway. (252) 975-2497.

### Sundown Shindig on the River

Aug. 5 & 25. Wilmington.  
Market St. to Princess St.  
(910) 341-7857.

### "The Lost Colony"

Through Aug. 23. Manteo.  
(800) 488-5012.  
[www.thelostcolony.org](http://www.thelostcolony.org)

### 15th Annual "Worthy is the Lamb" Celebration

Through Sept. 28. Swansboro.  
Fri. & Sat. only. Hwy 58-N.  
Crystal Coast Amphitheatre.  
(800) 662-5960.

### The New History Place Museum

Ongoing. Morehead City.  
Weekly, "Fridays with Rodney Kemp," History talk, lunch provided | Exhibits include: Indian artifacts, costumes from the 1800-1900s, and a Civil War collection | Free. (252) 247-7533. [www.rootsweb.com/~nccchs](http://www.rootsweb.com/~nccchs)

### Louise Wells Cameron Art Museum

Ongoing. Wilmington.  
Through Aug. 31, "When

Wilmington Was Young" & "Mark Hewitt: Outside." | Aug. 2-Oct. 27, "Birth of the American Modern." Free on first Sun. (910) 395-5999. [www.cameronartmuseum.com](http://www.cameronartmuseum.com)

### N.C. Maritime Museum

Ongoing. Beaufort.  
Aug. 2, "Horses of Shackleford" | Aug. 7, "Rachel Carson Reserve Trip" | Aug. 8, "Beachcomers Day" | Aug. 28, "Evening Wildflower Trip" | (252) 728-7317. [www.ah.dcr.state.nc.us/sections/maritime](http://www.ah.dcr.state.nc.us/sections/maritime)

### Shrimp by the Bay

Aug. 17. Edenton.  
Barker House Lawn.  
(252) 482-3400.

### Festival of New Plays

Aug. 15-18. Wilmington.  
Thalian Hall. (800) 523-2820.  
<http://bigdawgproductions.homestead.com/index.html>

### Singing By The Sea Gospel Concerts

Aug. 23-24. Morehead City.  
Crystal Coast Civic Center.  
(336) 342-1702.

### Castles & Scoops Contest

Aug. 24. Wilmington.  
Holiday Inn Sunspree Resort.  
(910) 254-3534.

### Labor Day Arts & Craft Festival

Aug. 31. Oak Island.  
(910) 278-7560.

### LISTING INFORMATION

Deadline for Oct: Aug. 26  
Deadline for Nov: Sept. 25

A phone number must be included with event listings in order to be published.

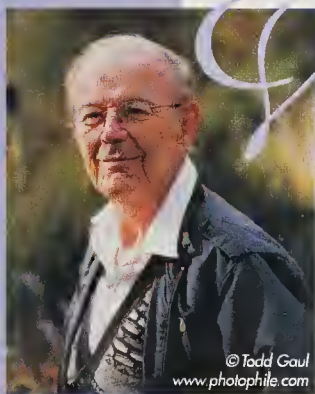
Photos are welcome.

Send notices to: Carolina Compass, P.O. Box 27306, Raleigh, NC 27611 | Fax: (919) 878-3970 | e-mail: [carolina.country@ncemcs.com](mailto:carolina.country@ncemcs.com)



The Mint Museum of Art in Charlotte is currently displaying works from "Narratives of African American Art and Identity: The David C. Driskell Collection." The above piece titled, "Playing London Bridge," is by William H. Johnson. For more information, call (704) 366-2504.





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www.photophile.com

With mid-summer comes the mulching and deep watering of established plants, and the shading of new seedlings. Late July through early September marks an ideal planting time for fall vegetables. Newly set trees, both fruit and ornamental, need deep watering during dry spells. Plant certain annual seeds to extend the colorful blooming period until autumn's first frost. Some of the best for quick germination include: cosmos, portulaca, marigold, zinnia, lobelia, candytuft, sweet alyssum and annual phlox.

## Queen Anne's Lace

Reflecting the regality of queen's clothing, Queen Anne's Lace is often found growing along roadsides and at the end of cultivated fields where it can become a weedy pest. Transplanted or seeded in home gardens, it adds an airy white accent to other brilliantly colored flowers. When mature, the clusters of tiny flowers produce plants for next year. Sometimes called "false carrot," Queen Anne's Lace blooms mid-summer until late autumn.

## Cracking of Tomatoes

Too much heat causes stress on tomato plants, resulting in the fruit cracking before ripening. Whitish or bleached areas may appear on the skins, which eventually start to rot. To prevent sunburn of tomatoes, avoid thinning too many plant shoots as the plants are growing, allowing for sufficient foliage to shade the fruit. If a large number of tomatoes are burning, cover plants with a row cover, a shade cloth or any material to decrease the sun's intensity.

Cracking is associated with irregular watering in addition to sun exposure. Mulch around plants to keep soil cool, conserve water and reduce plant stress. Avoid applying too much fertilizer since excess nitrogen applied to developing fruit contributes to cracking.

## Poisonous Plants

Several popular flowering plants are poisonous if chewed or eaten. Although fragrant, carnations are also poisonous. Common butterfly weed, often



Roma tomatoes grow on the vine.

transplanted to gardens from the wild, should never be ingested. Carolina Jessamine, noted for its panicles of yellow flowers, is also a poisonous plant. Other plants to avoid ingesting include: Chinaberry, common ivy, clematis, four-o'clock, sedum, Irish potato, blood lily, bird-of-paradise, oleander, vinca, caladium, tobacco, Virginia creeper, trillium, trumpet creeper, trumpet flower, wax berry, wild garlic, tomato, burning bush (Euonymus), and Calla lily.

In case of accidental exposure or ingestion, contact your local poison control center or a physician. You can call the Carolina's Poison Center at: (800) 848-6946 📞

## HORT shorts

✂ For low-light spots in a room, such as dark corners, use pots of low-growing fittonia. Fittonia is slow growing, requires constant moisture and a monthly feeding of liquid fertilizer.

✂ Keep faded blooms clipped from rose bushes. This prevents plants from producing hips (the fruit that contains seed). Removing faded flowers prevents

plants from diverting energy toward seed production rather than flower buds.

✂ Lawn grasses need about an inch of water a week. When rainfall is scant, measure the amount applied by using empty coffee cans at equal distance within sprinkler coverage. When the cans have about an inch of water in them, the lawn has enough water.

✂ Continue spraying roses with fungicide. Feed each bush with approximately a ½ cup of 5-5-5 fertilizers.

✂ A good maintenance program is the best way to control lawn weeds. Proper fertilizing, watering, and mowing lead to a good lawn. Otherwise, weeds can become a nuisance.

✂ To speed up the flowering of annuals, sow seeds in a permanent location. Harden

flower growth by scooping out a shallow hole and mixing a teaspoon of plant food into soil. Sow three seeds in each hole. Lightly cover seed with fine soil. If garden soil is heavy, mix sand with covering soil. Sprinkle doily with fine spray, taking care to avoid washing seeds from ground. Transplant discards elsewhere. Undisturbed plants will grow faster and flower first. Fertilize when flower buds appear.

## GARDENING FACTS

### State Flower

Carolina Jessamine became South Carolina's official state flower in 1924.

Known for trumpet-shaped yellow flowers, this climber is native to many Southern regions including Georgia, Florida and North Carolina. It enjoys full sun and moist, well-drained soil.

No flower that blooms holds such perfume. As kindness and sympathy won. Wherever there grows the sheltering pine, is clinging a yellow Jessamine vine."

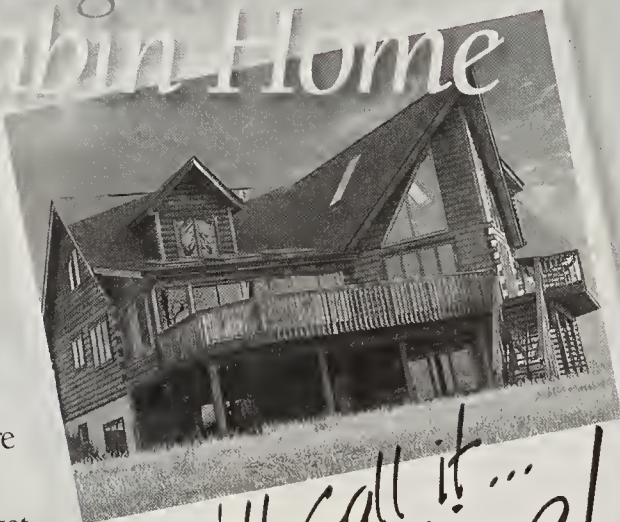
from "Legend of the Yellow Jessamine," by Teresa Strickland Anderson, SC. Credits: netstate.com



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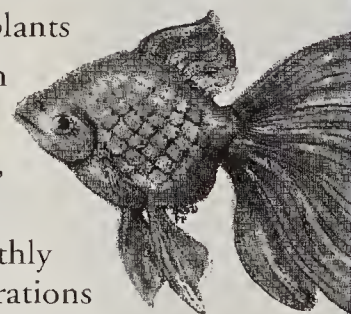
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**SUMMER GETAWAY!** Cozy vacation cabin at Twin Harbor Resort on Lake Tillery, near Morrow Mountain State and Uwharrie National Parks. \$85.00 nightly, (919) 542-1958. [www.getcabinfever.com](http://www.getcabinfever.com)

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**2BR. MOUNTAIN CABIN** on scenic New River in Ashe County. Ideal location for fishing, hunting, canoeing, hiking, etc. (336)-982-3281.

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**Stuffing Topped Chicken and Broccoli**

## Stuffing Topped Chicken and Broccoli

- 1 package (6 ounces) stuffing mix
- 2 cans (10<sup>3</sup>/<sub>4</sub> ounces, each) condensed cream of chicken soup, undiluted
- 1 cup water
- 3 tablespoons sour cream
- 3<sup>1</sup>/<sub>2</sub> cups cubed cooked chicken
- 2 cups instant rice, cooked
- 2 packages (10 ounces each) frozen broccoli cuts, thawed

Prepare stuffing mix according to package directions, set aside. In a bowl, combine the soup, water and sour cream until blended. Stir in the chicken, rice and broccoli. Transfer to a greased 3-quart baking dish. Top with stuffing. Cover and bake at 350 degrees for 30 minutes. Uncover; bake 15 – 20 minutes longer or until bubbly.

Yield: 8 – 10 servings.

## Pinto Beans and Rice

- 1 large onion, chopped
- 2 tablespoons vegetable oil
- <sup>3</sup>/<sub>4</sub> cup ketchup
- 2 to 4 tablespoons brown sugar
- 1 teaspoon prepared mustard
- 1 teaspoon liquid smoke, optional
- 1 teaspoon salt
- <sup>1</sup>/<sub>4</sub> teaspoon pepper
- 3 cups cooked long grain rice
- 2 cans (15 ounces each) pinto beans, rinsed and drained

In a large skillet, sauté onion in oil until tender. Remove from the heat; stir in ketchup, brown sugar, mustard, liquid smoke if desired, salt and pepper. Stir in rice and beans. Transfer to a greased 1<sup>1</sup>/<sub>2</sub> quart baking dish. Bake, uncovered, at 350 degrees for 30 – 35 minutes or until heated through.

Yield: 6 servings.



**Cashew Rice Pilaf**

## Cashew Rice Pilaf

- 1<sup>1</sup>/<sub>2</sub> cups uncooked long grain rice
- 1 cup chopped onion
- 1 cup diced carrots
- 1 cup golden raisins
- <sup>1</sup>/<sub>4</sub> cup butter or margarine
- 3 cups chicken broth
- 1 teaspoon onion salt
- 2 cups frozen peas
- 1<sup>1</sup>/<sub>2</sub> cups cooked wild rice
- 1 cup cashews
- <sup>1</sup>/<sub>4</sub> cup thinly sliced green onions, optional

In a Dutch oven, sauté the long grain rice, onion, carrots and raisins in butter until onion is tender. Add the broth and onion salt; bring to boil. Reduce heat; cover and simmer for 20 minutes or until liquid is absorbed and rice is tender. Stir in peas, wild rice and cashews; heat through. Sprinkle with sliced green onions if desired.

Yield: 12 servings.



**Pinto Beans and Rice**

For more Carolina Kitchen recipes, visit our Web site at [www.carolinacountry.com](http://www.carolinacountry.com)





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